

Abstract

Briefly, in accordance with one embodiment of the invention, a circuit for modulating voltage signals includes: a first circuit configuration to substantially simultaneously and asynchronously drive respective positive and negative voltage signals onto respective voltage signal storage elements. The circuit includes a second circuit configuration to alternatively sample the respective voltage signal storage elements at a substantially predetermined rate.

Briefly, in accordance with another embodiment of the invention, a method of modulating a voltage signal locally includes the following. Respective positive and negative voltage signals are applied to respective voltage signal storage elements substantially simultaneously and asynchronously. The voltage signals of the respective voltage signal storage elements are then sampled alternately at a substantially predetermined rate.

Briefly, in accordance with one more embodiment, a method of modulating a voltage signal locally includes the following. Respective voltage signals are applied to respective voltage signal storage elements substantially simultaneously and asynchronously. The voltage signal storage elements are sampled at a substantially predetermined rate so as to locally produce the modulated voltage signal.

Briefly, in accordance with yet one more embodiment, a voltage signal modulation circuit includes a first circuit to substantially simultaneously and asynchronously drive respective voltage signals onto respective voltage signal storage elements and a second circuit to sample the respective voltage signal storage elements so as to locally produce a modulated voltage signal.